

AMENDMENT TO THE ABSTRACT

Please amend the Abstract as follows:

~~The invention relates to a communication system employing subchannel communication, such as an OFDM or multicode CDMA system. A significant disadvantage of subchannel communication is the power variation of the transmitted signal. The invention provides a~~ A system and method are provided that provide for transmission of data over multiple subchannels with reduced power variation and without compromising performance or increasing transmission bandwidth. According to the invention the ~~information symbols to be transmitted on the individual subchannels are fed to encoders, (809-815) which maps the information symbols into channel symbols by increasing the order of the symbols. In one embodiment of the invention, the encoders comprise trellis coders jointly encoding the information symbols and compensation data set to reduce the power level variation. The encoding is both in response to a forward error correction scheme and includes selection between redundant symbol values to reduce power variation of the combined signal. The channel symbols are fed to a modulator, (309) and the modulated signal is transmitted. Preferably the encoder comprises a trellis coder jointly encoding the information symbols and compensation data set to reduce the power level variation.~~

~~FIG. 8 to accompany the Abstract~~